

54. (New) The osteogenic sponge composition of claim 53, wherein the bone morphogenic protein comprises BMP-2 or BMP-7.

55. (New) The osteogenic sponge composition of claim 54, wherein the bone morphogenic protein comprises BMP-2.

56. (New) The osteogenic sponge composition of claim 51, wherein the particulate biocompatible mineral has an average particle diameter of at least about 0.5 millimeters.

57. (New) The device of claim 43, wherein the particulate biocompatible mineral has an average particle diameter of at least about 0.5 millimeters.

58. (New) The device of claim 57, wherein the particulate biocompatible mineral has an average particle diameter in the range of about 0.5 millimeters to about 5 millimeters.

59. (New) The device of claim 58, wherein the particulate biocompatible mineral has an average particle diameter of about 1 millimeter to about 3 millimeter.

60. (New) A highly mineralized sponge implant device comprising a resorbable sponge matrix and a particulate biocompatible mineral embedded within said matrix, said device comprised 1% to 3% by weight of a material forming said sponge matrix, and 97% to 99% by weight of the particulate biocompatible mineral.

61. (New) A device according to claim 60, also comprising an osteogenic factor.

62. (New) The device of claim 61, wherein the osteogenic factor comprises a bone morphogenic protein.

63. (New) The device of claim 62, wherein the bone morphogenic protein comprises BMP-2 or BMP-7.

64. (New) The device of claim 63, wherein the bone morphogenic protein comprises BMP-2.

REMARKS

In response to the restriction requirement set forth in the Office Action, the Applicants hereby elect Species III, noted at page 4, lines 26-31. Claims 43-47 and new claims 51-64 are believed to be readable on this species. In addition, new claims 51-64 are linking claims